



Habitat Information Tracking System



Feb 25, 2010

Project Overview

Project: (51522) Historic Rittenhouse Town Riparian Buffer Improvement - Year 1

Type: Habitat Improvement
Orgcode: (51120) DELAWARE BAY ESTUARY PROJECT
Entered By: Flavia Williams-Rutkosky, 302-653-9152 x111
Point of Contact: Flavia Rutkosky 302/653-9152 x111
Creation Date: Aug 26, 2008
Status: Completed
Completion Date: May 2008
State: Delaware
FWS Region: 5

Project Narrative:

DBEP collaborated with Center in the Park's Senior Environment Corps, the Fairmount Park Commission and numerous other partners including other municipal agencies, State and federal agencies, non-governmental organizations and academic institutions to design and implement a riparian buffer improvement project along 700 feet of Monoshone Creek (tributary to Wissahickon Creek which flows into the Schuylkill River) in Fairmount Park, Philadelphia, Pennsylvania. Philadelphia's Fairmount Park has been recognized by Audubon Pennsylvania as an Important Bird Area (IBA). The Park has the distinction of being the only urban IBA within the Commonwealth of Pennsylvania. Although the Wissahickon Watershed is the least impacted section of Fairmount Park there are areas where invasive plants have encroached upon the native plant communities. The Buffer Improvement Project used mechanical and chemical methods to control invasive vegetation including Japanese knotweed and Japanese honeysuckle along 700 feet of Monoshone Creek. When control was established, SEC members and Fairmount Park Volunteers planted locally native trees, shrubs and herbaceous species within the treated areas. The width of the restored buffer ranges between 20 and 75 feet and the total area covered is about 0.75 acres. The Buffer Improvement Project is designed to improve habitat quality for migratory birds and to begin to address existing bank erosion at the site. Reduced sediment loads will improve water quality and enhance the area for aquatic species as well.

The project site, Historic Rittenhouse Town was an Early American manufacturing community that was the center of papermaking for British North America in the early 18th century. America's first paper mill was established at this site in 1690 and is now recognized as a National Historic Landmark, which attracts thousands of visitors annually, thus the site is an ideal setting for a demonstration project targeted to streamside property owners. Public education materials describing urban Best Management Practices

(BMP's) were developed to interpret the riparian restoration activities to site visitors. The project represents an important opportunity to demonstrate both natural and cultural resource conservation at this site and furthers the restoration goals identified in Fairmount Park's Natural Lands Restoration Initiative and addresses the habitation restoration focus as well as the public education focus of the Service's Philadelphia Urban Migratory Conservation Treaty.

Funding for the project was provided by the National Fish and Wildlife Foundation, the Fairmount Park Commission (TreeVitalize) and Center in the Park. Technical assistance and in-kind services were provided by Fairmount Park, Philadelphia Water Department, Historic Rittenhouse Town, Inc., Pennsylvania Department of Environmental Protection, Chestnut Hill College, the Academy of natural Sciences and the United States Fish and Wildlife Service/Delaware Bay Estuary Project Office.

Public Description:

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Project mechanism(s):

1. **Title:** Historic Rittenhouse Town Riparian Buffer Improvement
Mechanism Type: Memorandum of Understanding

Mechanism: Historic Rittenhouse Town Riparian Buffer Improvement

Title: Historic Rittenhouse Town Riparian Buffer Improvement

Mechanism Type: Memorandum of Understanding
Primary Non-FWS Party: Local Unit of Government
Date of Mechanism: Sep 10, 2000
Length of Mechanism: 0 years
Perpetuity? yes
Funds Obligated Date: Sep 2000
Funding Source Fiscal Year: 2000

Mechanism accomplishment(s):

1. **Title:** Historic Rittenhouse Town Riparian Buffer Improvement
Habitat Type: Rivers/Streams/Shoreline
Accomplishment Type: Restoration

Accomplishment: Historic Rittenhouse Town Riparian Buffer Improvement

Accomplishment:Historic Rittenhouse Town Riparian Buffer Improvement**Mechanism:Historic Rittenhouse Town Riparian Buffer Improvement**

Coordinates: Longitude: -75.188412, Latitude: 40.030402

Watershed (HUC): SCHUYLKILL

Congressional District: PA02

Chaka Fattah (D)

County: Philadelphia

State: Pennsylvania

FWS Region: 5 - Region 5

FWS Ecoregion: Delaware River/Delmarva Coastal Area

Joint Venture Area: Atlantic Coast Joint Venture

Accomplishment Status: Final

Accomplishment Type: Restoration

Habitat Type: Rivers/Streams/Shoreline

Habitat Class: Shoreline

Habitat Sub-Class: Tidal

Completion Date: May 30, 2008

Primary Trust/Resource Benefits: Migratory Birds

Secondary Trust/Resource Benefits: Interjurisdictional Fish

Other Trust/Resource Benefits: Non-Federal Trust Species

Overlay Protection Holder: Local Unit of Government

Protected in perpetuity? yes

Accomplishment area(s):

1. Title: Historic Rittenhouse Town Riparian Buffer

Improvement

Primary Non-FWS Party: Local Unit of

Government

Area: Historic Rittenhouse Town Riparian Buffer Improvement

Accomplishment: Historic Rittenhouse Town Riparian Buffer Improvement**Area: Historic Rittenhouse Town Riparian Buffer Improvement**

Primary Non-FWS Party: Local Unit of Government

Fiscal Year of Work: 2008

Treatment / Technique: 1 Invasive Species Control - Biological/Chemical/Mechanical

Est. Linear Length: 0.13257575

Linear Length: 0.13257575

Est. Linear Width: 0.00757575

Linear Width: 0.00757575

Comments:

The buffer width ranges between 20 and 70 feet. The calculated area is 0.75 acres.

Area partner(s):

Partner: National Fish and Wildlife Foundation

Partner Type: NGO/Land Trust

Partner Cash Contribution: \$14000.00

Fiscal Year: 2007

Partner: Fairmount Park Commission

Partner Type: Local Unit of Government

Partner Cash Contribution: \$4700.00

Partner Inkind Contribution: \$2970.00

Fiscal Year: 2008

Partner: Philadelphia Water Department

Partner Type: Local Unit of Government

Partner Inkind Contribution: \$2500.00

Fiscal Year: 2007

Partner: Rittenhouse Town Historical Society

Partner Type: NGO/Land Trust

Partner Inkind Contribution: \$450.00

Fiscal Year: 2008

Partner: Pennsylvania Department of Environmental Protection

Partner Type: State Agency

Partner Inkind Contribution: \$2000.00

Fiscal Year: 2007

Partner: Chestnut Hill College

Partner Type: School

Fiscal Year: 2008

Partner: Center in the Park/Senior Environment Corps

Partner Type: NGO/Land Trust

Partner Cash Contribution: \$1900.00

Partner Inkind Contribution: \$1000.00

Fiscal Year: 2008

Partner: Academy of Natural Sciences of Philadelphia

Partner Type: NGO/Land Trust

Partner Inkind Contribution: \$500.00

Fiscal Year: 2008

Area sub-activity(s):

FWS Sub-Activity: Coastal Program - 1124

Contribution Fiscal Year: 2008

Est. Inkind: \$3175.00

Inkind: \$3175.00

Est. FWS Days: 5.0

FWS Days: 5.0

Total Area

Total Project Area By Habitat Type

Est. Riparian Linear Length: 0.132

Riparian Linear Length: 0.132

Est. Riparian Linear Width: 0.0070

Riparian Linear Width: 0.0070

Total Project Area

Est. Linear Length: 0.132

Linear Length: 0.132

Est. Linear Width: 0.0070

Linear Width: 0.0070

Total Contributions

Total Partner Contribution to Project By Habitat Type

Riparian Cash: \$20600.00

Riparian Inkind: \$9420.00

Total Partner Contribution to Project

Cash: \$20600.00

Inkind: \$9420.00

Total Service Contribution to Project By Habitat Type

Est. Riparian Inkind: \$3175.00

Riparian Inkind: \$3175.00

Est. Riparian FWS Days: 5.0

Riparian FWS Days: 5.0

Total Service Contribution to Project

Est. Inkind: \$3175.00

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FWS Days: 5.0